

LISTING OF CLAIMS

The following listing of claims will replace all prior listings of claims in this application.

I claim:

1-49. (Canceled).

50. (canceled)

51. (Previously Presented) The multi-position reclining bed of claim 102, wherein the buttocks section is capable of pivoting in an upward direction about the bottom edge of the back section.

52. (currently amended) The multi-position reclining bed of claim 51, wherein the lower footward edge of the of the buttocks section is capable of elevating in an upwards direction.

53. (Previously Presented) The multi-position reclining bed of claim 52, further comprising a plurality of arm rests.

54. (Previously Presented) The multi-position reclining bed of claim 102, further comprising a swing arm attached to any of the supporting elements.

55. (Previously Presented) The multi-position reclining bed of claim 54, wherein the armrest is attached to a swing arm.

56. (Previously Presented) The multi-position reclining bed of claim 54, wherein the armrest is capable of pivoting substantially horizontally to a position over the bed.

57. (Previously Presented) The multi-position reclining bed of claim 54, wherein the swing arm is capable of locking into position utilizing a swivel lock.

58. (Previously Presented) The multi-position reclining bed of claim 54, further comprising a desk attached to the swing arm.

59. (Previously Presented) The multi-position reclining bed of claim 54, further comprising electrical and data connections, wherein the electrical and data connections are secured to the swing arm such that they are accessible to the occupant of the bed.

60. (Previously Presented) The multi-position reclining bed of claim 59, wherein the data connection is capable of providing an internet and/or

telephone connection.

61. (canceled)

62. (canceled)

63. (canceled)

64. (canceled)

65. (canceled)

66. (canceled)

67. (canceled)

68. (canceled)

69. (cancelled)

70. (amended) The multi-position reclining bed of claim ~~69~~ 102, wherein the linear actuator and the buttocks section form a double bar linkage

resulting in substantially minor vertical movement of the lower edge of the calves section of the coplanar leg section as the buttocks section is reclined.

71. (amended) The multi-position reclining bed of claim ~~50~~ 102, further comprising a box spring having a reduced thickness at the lower edge of the calves section.

72. (Previously Presented) The multi-position reclining bed of claim 71, further comprising:

- a. fabric material;
- b. peripheral frame; and
- c. a peripheral frame spring.

73. (Previously Presented) The multi-position reclining bed of claim 72, wherein the fabric material encloses the frame elements.

74. (Previously Presented) The multi-position reclining bed of claim 72, wherein the peripheral frame

- a. pivots at distal end pivots;
- b. forms the lower edge of the foot end of the bed; and

c. forms both sides of the bed below the surface of the calves section and/or the thigh section.

75. (Previously Presented) The multi-position reclining bed of claim 72, wherein the peripheral frame spring elongates when it is rotated below the horizontal position about the distal end pivot.

76. (canceled)

77. (canceled)

78. (canceled)

79. (Previously Presented) The multi-position reclining bed of claim 102, wherein the mattress elements comprise surfaces with differing frictional coefficients.

80. (Previously Presented) The multi-position reclining bed of claim 71, further comprising a releasable mechanical holding device that secures the mattress element to the box spring.

81. (Previously Presented) The multi-position reclining bed of claim 80, wherein the releasable mechanical holding device is located at a sufficient distance from the perimeter of the mattress and box spring to avoid interference with the placement of sheets and/or other bedding materials around the width of the mattress.

82. (Previously Presented) The multi-position reclining bed of claim 80, wherein the releasable mechanical holding device comprises a barb and loop fastening arrangement.

83. (Previously Presented) The multi-position reclining bed of claim 102, further comprising:

- a. a threaded coupling half;
- b. a fixed coupling half;
- c. a bearing; and
- d. a thread spring.

84. (Previously Presented) The multi-position reclining bed of claim 83, wherein the coupling disengages during reclining motion by action of rotating a thread that separates the threaded coupling half from the fixed coupling half.

85. (Previously Presented) The multi-position reclining bed of claim 84, wherein the rotation of the thread is along the axis of the thread against compression force of the thread spring whereby free rotation of the threaded coupling half on the thread prevents further movement along the length of the thread.

86. (Canceled).

87. (Previously Presented) The multi-position reclining bed of claim 53 or 57, further comprising an attached armrest, swing arm, and variable position swivel lock.

88. (Previously Presented) The multi-position reclining bed of claim 102 further comprising a footrest located at the bottom of the calves section.

89. (Previously Presented) The multi-position reclining bed of claim 54, further comprising a buttocks sling secured to the arm rest that allows the occupant's buttocks to be raised, relative to the buttocks section of the bed, by lowering the buttocks section while the sling is supporting the weight of the occupant.

90. (Previously Presented) The multi-position reclining bed of claim 102, further comprising a powered mechanism located behind the back section, that is capable of causing a protrusion of the back section of the mattress.

91. (Previously Presented) The multi-position reclining bed of claim 54, further comprising a desk attached to the bed, the desk capable of supporting written material.

92-101. (Canceled).

102. (Previously Presented) A multi-position reclining bed comprising:

- a. a horizontally situated elongated track,
- b. a plurality of supporting elements positioned above and overlying said track, and moveably coupled thereto, and comprising:

- i. a back section;
- ii. a buttocks section; and
- iii. a thigh/calve section,

said supporting elements being pivotably connected to each other at abutting edges and

c. a linear actuator coupled to the supporting elements, said back section being coupled to said track section and configured to move an end portion thereof vertically in a vertical plane when said linear actuator is activated, such that when said back section is raised or lowered, said end portion remains substantially the same distance from an adjacent wall, and wherein said thigh/calve section reclines pivotally below a horizontal plane of the buttocks section in a downward direction pivotally about an adjoining edge with the buttocks section.

103. (Previously Presented) The multi-position reclining bed of Claim 102 wherein said thigh/calve section comprises two independent sections, a thigh section and a calve section, connected to each other in a lockable co-planar configuration, and capable of independent movement when unlocked.

104. (Previously Presented) The multi-position reclining bed of Claim 102 wherein said thigh/calve section, when in planar resting position, extends beyond said track, whereby when said back section is elevated, said thigh/calve section is provided clearance to drop below the horizontal plane of said track.

105. (Previously Presented) The multi-position reclining bed of Claim 104 wherein said thigh/calve section is supported by a cantilever mechanism attached to the under side thereof, and secured to said track at a point toward the longitudinal center of the bed significantly inwards from the resting thigh/calve section thereby providing support to said thigh/calve section when said calve/thigh section is in planar resting position.

106. (new) The multi-position reclining bed of Claim 103 further including a pivot fixture coupled to a linear actuator, and a knee linear actuator couple to knee elevation support members, wherein said pivot fixture is pivotally connected between the buttocks section and the thigh section and said linear actuator moves said thigh/calve section, when locked in co-planar configuration, pivotably between horizontal and below the horizontal plane of said bed, and wherein, when horizontal, said knee linear actuator locks and unlocks said thigh/calve sections to move said thigh and calve sections independently about each other and said buttocks section pivotably, and structurally supported by said knee elevation support members above the horizontal plane of said bed.